

Title (en)
COMMUNICATION DEVICE, INFORMATION PRESENTATION DEVICE, COMMUNICATION METHOD, PROGRAM, AND RECORDING MEDIUM

Title (de)
KOMMUNIKATIONSVORRICHTUNG, INFORMATIONSDARSTELLUNGSVORRICHTUNG, KOMMUNIKATIONSVERFAHREN, PROGRAMM UND AUFZEICHNUNGSMEDIUM

Title (fr)
DISPOSITIF DE COMMUNICATION, DISPOSITIF DE PRÉSENTATION D INFORMATIONS, PROCÉDÉ DE COMMUNICATION, PROGRAMME, ET SUPPORT D ENREGISTREMENT

Publication
EP 2333486 A4 20150415 (EN)

Application
EP 09814463 A 20090902

Priority
• JP 2009065362 W 20090902
• JP 2008238492 A 20080917

Abstract (en)
[origin: EP2333486A1] It is possible to present identification information of a sender in such a manner that the identification information is easily understood by a user. Included are: a wireless communication section (20) for carrying out data communication with the navigation device (50); and a line communication section (30) for carrying out data communication with the communication device (80), and an address sending section (22) for sending, to the navigation device (50) via the wireless communication section (20), first identification information for identifying the communication device (80); a position receiving section (26) for receiving position information from the communication device (80) via the line communication section (30); a position sending section (24) for sending the position information to the navigation device (50) via the wireless communication section (20); a message receiving section (32) for receiving a message from the navigation device (50) via the wireless communication section (20); an address adding section (34) for adding, to the message, second identification information for identifying the communication device (10); and a message sending section (36) for sending, to the communication device (80) via the line communication section (30), the message to which the second identification information is added.

IPC 8 full level
G08G 1/0969 (2006.01); **G01C 21/34** (2006.01); **G01C 21/36** (2006.01); **G08G 1/00** (2006.01); **H04M 11/00** (2006.01); **H04W 4/024** (2018.01); **H04W 88/04** (2009.01); **H04W 4/02** (2018.01)

CPC (source: EP US)
G01C 21/3438 (2013.01 - EP US); **G01C 21/362** (2013.01 - EP US); **H04W 4/024** (2018.01 - US); **G08G 1/20** (2013.01 - EP US); **H04W 4/02** (2013.01 - EP)

Citation (search report)
• [A] US 6633809 B1 20031014 - AIZONO TAKEIKI [JP], et al
• [A] JP 2006105731 A 20060420 - MATSUSHITA ELECTRIC IND CO LTD
• [A] US 2007244638 A1 20071018 - LEE DONG-JUN [KR]
• [A] JP 2007078507 A 20070329 - MATSUSHITA ELECTRIC IND CO LTD
• See references of WO 2010032618A1

Cited by
US10451434B2; EP3287745A1; WO2017076548A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2333486 A1 20110615; EP 2333486 A4 20150415; CN 102150014 A 20110810; CN 102150014 B 20130626; JP 2010071763 A 20100402; JP 5213605 B2 20130619; US 2011183627 A1 20110728; US 8423052 B2 20130416; WO 2010032618 A1 20100325

DOCDB simple family (application)
EP 09814463 A 20090902; CN 200980135960 A 20090902; JP 2008238492 A 20080917; JP 2009065362 W 20090902; US 200913119118 A 20090902